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In the claims:

25. (Four times Amended) A container comprising:
 a first sterile chamber having a first top portion, a first
 bottom portion and a first set of walls;
 a second sterile chamber adjacent said first sterile
 chamber and having a second top portion adjacent said first
 top portion, a second bottom portion and a second set of
 walls;
 a bridge connecting said first top portion of the first
 chamber and said second top portion of the second
 chamber, such that a liquid can be transferred from the first
 chamber to the second chamber while the container is
 positioned at a predetermined angle, and
 means for sterile transfer of a liquid to or from at least
 one of said chambers independently of the other of said
 chambers and located near the top of at least one of said
 chambers.

28. (Twice Amended) A system for treating
 physiological products and maintaining sterility of said
 products during said treating comprising:
 a container having a plurality of closed, sterile fluid-
 receiving chambers, a bridge forming a fluid path allowing
 fluid communication between a first of said chambers and a
 second of said chambers when said container is in a
 predetermined orientation, and at least one access port
 allowing sterile access to at least one of said chambers, and
 a centrifuge having a holder removably receiving said
 container and allowing said container to assume a first
 orientation wherein a physiological product in one of said
 chambers is subjected to centrifugation and said

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predetermined orientation wherein fluid in said first of said chambers flows along said fluid path to said second of said chambers and said centrifuge comprises a locking element that selectively holds said container in said predetermined orientation.

30. (Twice Amended) A system according to claim 28 wherein said locking element comprises a movable locking plate that is movable between free and locking positions, wherein said plate allows said container to assume said first orientation when in said free position and holds said container in said predetermined position when in said locking position.

32. (Thrice Amended) A system according to claim 28 wherein said holder comprises a frame pivotally mounted to a rotor of said centrifuge, and said locking element comprises a movable locking plate that is movable between free and locking positions, wherein said movable locking plate engages said frame to allow said container to assume said first orientation when in said free position and to hold said container in said predetermined position when in said locking position.

33. (Twice Amended) A container comprising a base forming a plurality of sterile chambers, each of said chambers having a bottom and a top, a bridge connecting top portions of at least two of said chambers and arranged to provide a sterile fluid channel from a first of said at least two sterile chambers to a second of said at least two sterile chambers when said container is in a predetermined

orientation, a lid closing said top of each of said plurality of chambers, and an access port near the top of at least one of said chambers that allows sterile transfer of a liquid to or from said at least one of said chambers independently of the other of said chambers.